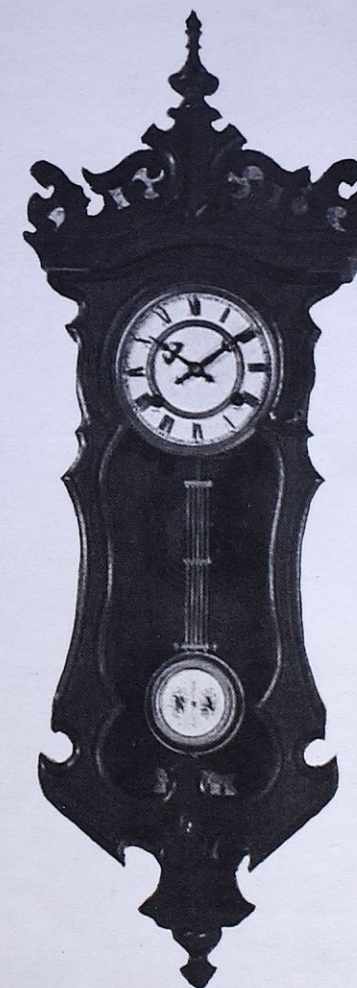


*Clocks, Ltd.*

P.O. BOX 66106 AMF O'HARE  
CHICAGO, ILLINOIS 60666

# OWNERS MANUAL

## The Hand Carved MINI SERPENTINE Clock



7010



## HOW TO CARE FOR YOUR CLOCK

Congratulations! You are now the owner of a fine precision timepiece. To insure the fine investment you have just made, we request that you study the following instructions carefully, step by step, as you install the clock.

### SETTING UP THE CLOCK

1. Carefully remove all packing materials, tapes, rubber bands, papers, etc. from inside of clock.
2. Hang the clock by using a toggle bolt or a strong nail planted in a firm, solid wall. Find a truly vertical position for the clock on your wall, and make a small mark on the wall so the clock can be returned to that vertical position when moved during winding.
3. Locate the pendulum hanger as shown in the diagram, and hang the pendulum on it.

CAUTION: This part is very delicate. When hanging the pendulum, use care not to bend or kink the pendulum spring or the pendulum hanger itself. If the spring or the hanger is damaged, the clock may stop running after a short while. (Remember, when you have to move your clock from one place to another, always remove your pendulum from the pendulum hanger, and then secure the pendulum hanger with tape or rubber band so it won't be freely shaken.)

4. Start the pendulum swinging. Listen to the tick-tock sound (clock beat). It should be even and rhythmic. The proper beat of your clock should sound like

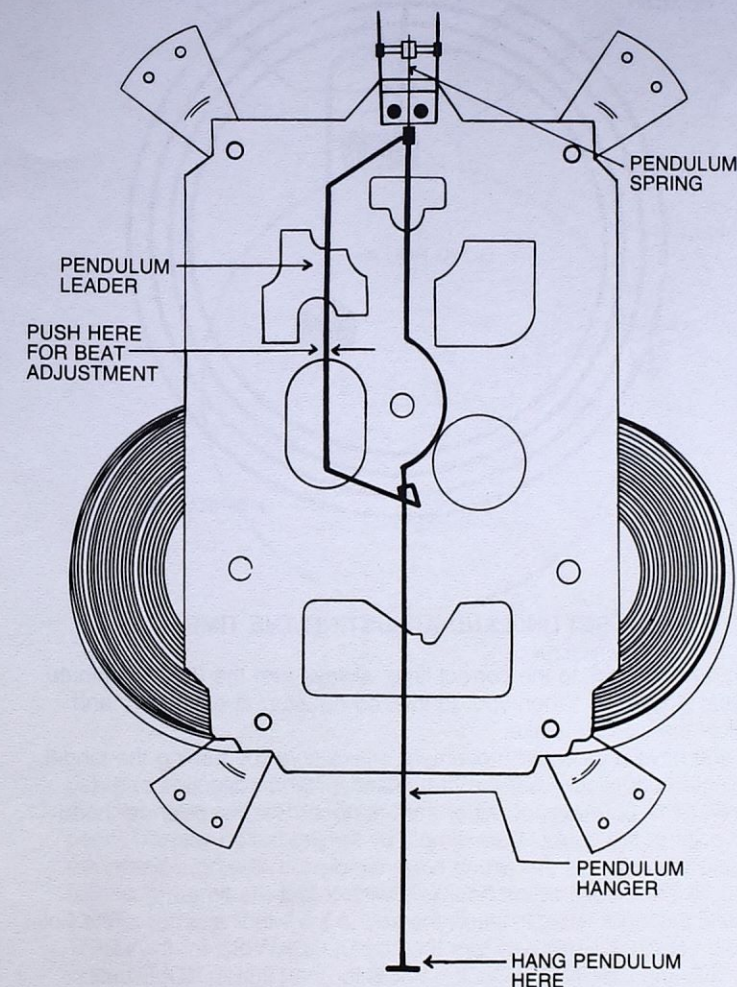
"tick-tock-tick-tock"

If the sound is more closely described as a

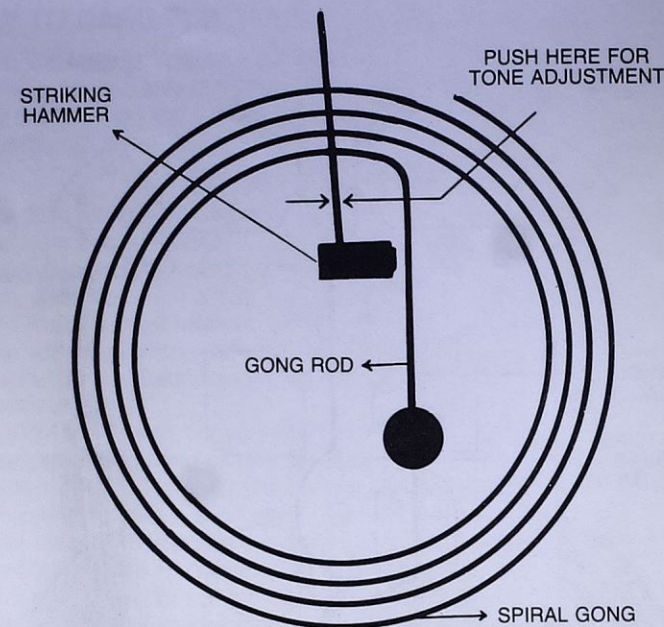
"tick tock---tick tock---tick tock"

then the beat is out of adjustment and the clock may again stop running. Note in which direction the pendulum is moving during the beginning of the longer pause between the tick tocks. Then remove the clock hands and dial and remove the pendulum from the pendulum hanger.

5. Locate the pendulum leader (see diagram), and gently bend with your fingers by pushing it in that direction. Use care here not to bend the pendulum hanger. (Note the two arrows on the diagram indicating at which point to push the leader for this adjustment.) Now hang the pendulum again to test your adjustment. If the tick tock sound is still uneven, simply repeat the above process. This adjustment must be made by trial and correction, but once made properly, it is permanent unless the pendulum spring or the leader is damaged by mishandling. If the clock does not tick at all, you have bent the leader too far beyond the stopping point. Simply bend it in the opposite direction to get it back into the right and even clock beat.

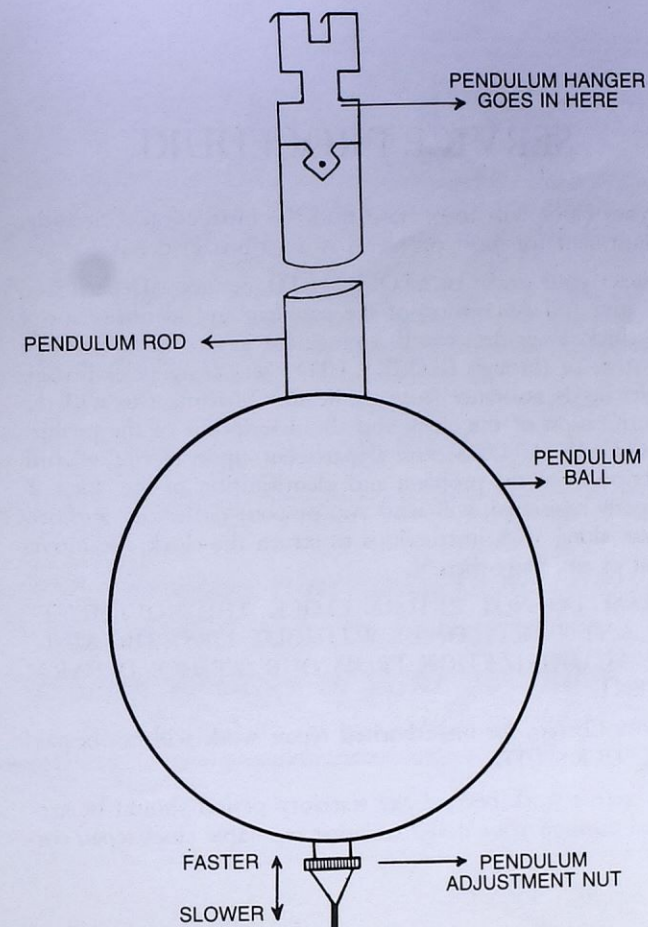






#### SETTING AND ADJUSTING THE TIME

1. To set the clock to the correct time, always turn the (longer) minute hand clockwise. When you do this, do not stop at each hour and allow the clock to strike.
2. If you have a calendar movement, make sure (by turning the longer minute hand clockwise) the red calendar hand advances one day only, at 12:00 midnight rather than at noon. Set the calendar hand to point at the correct date simply by turning it clockwise.
3. If the clock strikes the wrong hour, simply turn the hour hand clockwise to point at the hour you wish to set the time.
4. Wind the clock: Simply insert the key to the winding arbor in the hole, hold the clock firmly and turn the key **CLOCKWISE** for the **LEFT HOLE** and **COUNTER-CLOCKWISE** for the **RIGHT HOLE** until considerable tension is felt. It is important, at this point, not to wind any further. After winding, make certain the clock is in its original vertical position.
5. Allow the clock to run for one week, then check it for timekeeping accuracy. If adjustment is needed, proceed as follows:  
Hold the pendulum rod firmly to keep it from twisting. Turn the



- adjusting nut at the bottom of the pendulum ball to the proper direction (see diagrams). To make the clock run faster, raise the pendulum ball by turning the nut to the right. To slow it down, lower the pendulum ball by turning the nut to the left. One full turn of adjusting nut equals approximately one minute change per day.
- NOTE: Be sure that the pendulum ball moves with the adjusting nut. This adjustment is owner's responsibility and must be made when the clock is in its permanent position. The seasonal changes may require further minor adjustments.
6. The striking hammer, when at rest, should be about  $\frac{1}{8}$ " apart from the rod of spiral gong. You may bend the hammer stem as necessary to obtain a soft resonant striking. (see diagram)
  7. Avoid conditions of extreme heat or dryness, particularly in winter, to prevent cracking of the clock cabinet.



## SERVICE PROCEDURE

If your clock fails to operate, read the instruction carefully. Adjustment for most problems is described in detail.

Contact your dealer or CLOCKS, LTD, Service Department and give full description of the problem and identification of the clock. Your dealer will arrange for service either through his store or through CLOCKS, LTD's service agencies. If your dealer needs assistance from us, he should contact us with the identification of the clock and the description of the problem. CLOCKS, LTD's Service Department, upon receipt of full description of the problem and identification of the clock if properly registered, will send you or your dealer our authorization along with instructions to return the clock, the movement or any parts thereof.

PLEASE DO NOT RETURN CLOCK, THE MOVEMENT OR ANY PARTS TO US WITHOUT FIRST OBTAINING AUTHORIZATION FROM OUR SERVICE DEPARTMENT.

Service Charges for unauthorized repair work will not be paid by CLOCKS, LTD.

Any repair work beyond the warranty period should be arranged through your dealer or other reputable clock repair centers.

CLOCKS, LTD.  
P. O. Box 66106 AMF O'Hare,  
Chicago, Illinois 60666

## PROTECTED BY A FULL ONE-YEAR WARRANTY

Each Hand Carved **MINI SERPENTINE** Clock is carefully handcrafted to exacting specifications. Both case and movement are meticulously inspected before they are shipped. If, within fifteen days after you receive your clock, you find you are not fully satisfied with the beauty and craftsmanship of this valuable timepiece, you may return it for a full refund. Clocks, Ltd. guarantees this clock to be free of original defects in materials and workmanship for a period of one full year after purchase.

*Clocks, Ltd.*

*To be sure your warranty is registered,  
please fill out, and mail to us  
within 10 days of your purchase.*

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Name of the clock \_\_\_\_\_

Model No. \_\_\_\_\_

Reg. No. \_\_\_\_\_

Purchased from \_\_\_\_\_

Date Purchased \_\_\_\_\_

CLOCKS, LTD.  
P.O. BOX 66106 AMF O'HARE, CHICAGO, ILLINOIS 60666

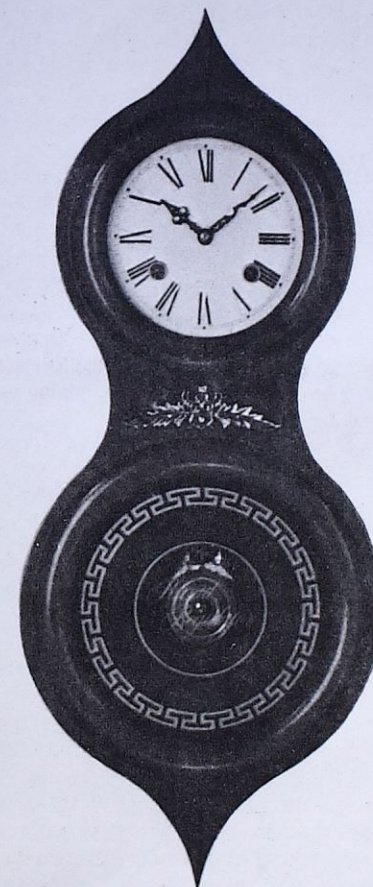


*Clocks, Ltd.*

P.O. BOX 66106 AMF O'HARE  
CHICAGO, ILLINOIS 60666

# OWNERS MANUAL

## The Hand Carved PEANUT REGULATOR



# 4110



## HOW TO CARE FOR YOUR CLOCK

Congratulations! You are now the owner of a fine precision timepiece. To insure the fine investment you have just made, we request that you study the following instructions carefully, step by step, as you install the clock.

### SETTING UP THE CLOCK

1. Carefully remove all packing materials, tapes, rubber bands, papers, etc. from inside of clock.
2. Hang the clock by using a toggle bolt or a strong nail planted in a firm, solid wall. Find a truly vertical position for the clock on your wall, and make a small mark on the wall so the clock can be returned to that vertical position when moved during winding.
3. Locate the pendulum hanger as shown in the diagram, and hang the pendulum on it.

CAUTION: This part is very delicate. When hanging the pendulum, use care not to bend or kink the pendulum spring or the pendulum hanger itself. If the spring or the hanger is damaged, the clock may stop running after a short while. (Remember, when you have to move your clock from one place to another, always remove your pendulum from the pendulum hanger, and then secure the pendulum hanger with tape or rubber band so it won't be freely shaken.)

4. Start the pendulum swinging. Listen to the tick-tock sound (clock beat). It should be even and rhythmic. The proper beat of your clock should sound like

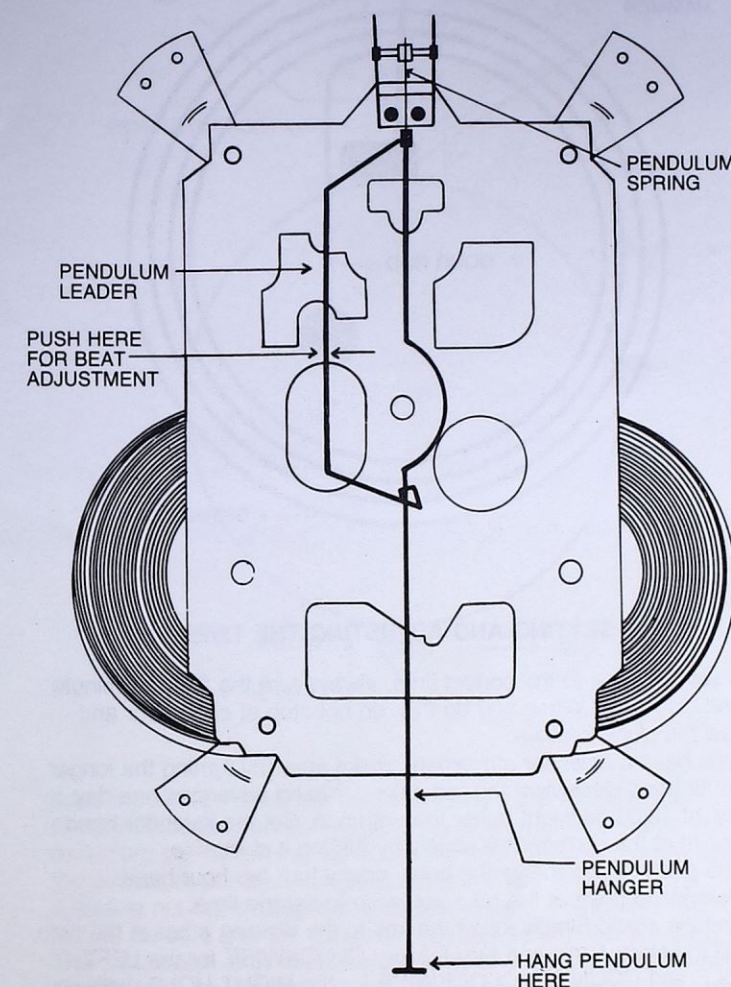
"tick-tock-tick-tock"

If the sound is more closely described as a

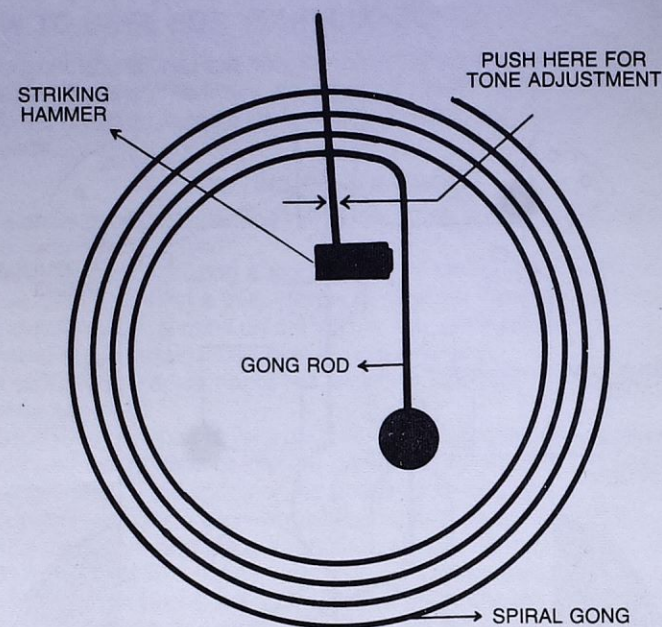
"tick tock---tick tock---tick tock"

then the beat is out of adjustment and the clock may again stop running. Note in which direction the pendulum is moving during the beginning of the longer pause between the tick tocks. Then remove the clock hands and dial and remove the pendulum from the pendulum hanger.

5. Locate the pendulum leader (see diagram), and gently bend with your fingers by pushing it in that direction. Use care here not to bend the pendulum hanger. (Note the two arrows on the diagram indicating at which point to push the leader for this adjustment.) Now hang the pendulum again to test your adjustment. If the tick tock sound is still uneven, simply repeat the above process. This adjustment must be made by trial and correction, but once made properly, it is permanent unless the pendulum spring or the leader is damaged by mishandling. If the clock does not tick at all, you have bent the leader too far beyond the stopping point. Simply bend it in the opposite direction to get it back into the right and even clock beat.

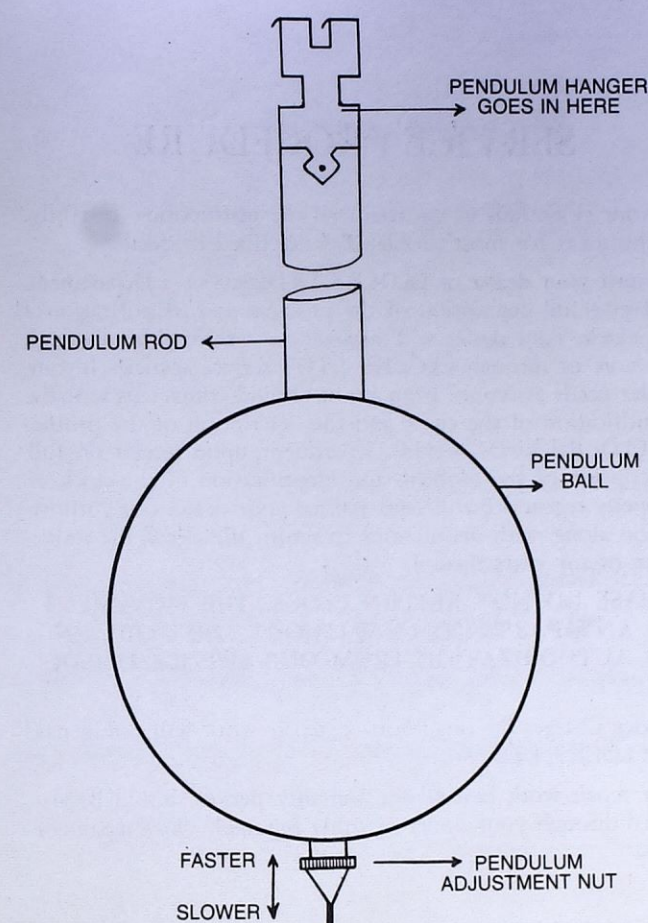






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*Clocks, Ltd.*

*To be sure your warranty is registered,  
please fill out, and mail to us  
within 10 days of your purchase.*

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Name of the clock \_\_\_\_\_

Model No. \_\_\_\_\_

Reg. No. \_\_\_\_\_

Purchased from \_\_\_\_\_

Date Purchased \_\_\_\_\_

CLOCKS, LTD.  
P.O. BOX 66106 AMF O'HARE, CHICAGO, ILLINOIS 60666